

Anti-PDHX Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Dog)
Molecular Weight:	Theoretical: 48 kDa. Actual: 50 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Heart (Mouse) Lysate at 40 µg Lane 2: Heart (Rat) Lysate at 40 µg Lane 3: Cerebrum (Mouse) Lysate at 40 µg Lane 4: Cerebrum (Rat) Lysate at 40 µg
Verified Activity:	Primary: Anti-PDHX (TMAB-10129) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kD Observed band size: 50 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human PDHX
Antigen Species:	Human
Gene ID:	8050
Uniprot ID:	O00330

Research Background

PDHX is component X of the pyruvate dehydrogenase (PDH) complex. It is required for anchoring dihydrolipoamide dehydrogenase (E3) to the dihydrolipoamide transacetylase (E2) core of the pyruvate dehydrogenase complexes of eukaryotes. This specific binding is essential for a functional PDH complex. PDHX is expressed in the mitochondrion.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481